

CLIMATOLOGICAL DATA FOR WEATHER BUREAU STATIONS—Continued

District and station	Elevation of instruments			Pressure			Temperature of the air										of the Mean temperature dewpoint	Precipitation			Wind					Clear days	Partly cloudy days	Cloudy days	Average cloudiness, tenths	Total snowfall	Snow, sleet and ice on ground at end of month	Number of days with thunder- storms	
	Barometer above sea level	Thermometer above ground	Anemometer above ground	Station	Sea level	Departure from normal	Mean max. + min. +2	Departure from normal	Maximum	Date	Mean maximum	Minimum	Date	Mean minimum	Greatest daily range	Mean relative humidity		Total	Departure from normal	Days with 0.01 inch or more	Average hourly ve- locity	Prevailing direction	Maximum velocity										
																							Miles per hour	Direction	Date								
Panama Canal	<i>Ft.</i>	<i>Ft.</i>	<i>Ft.</i>	<i>In.</i>	<i>In.</i>	<i>In.</i>	° <i>F.</i>	° <i>F.</i>	° <i>F.</i>	° <i>F.</i>	° <i>F.</i>	° <i>F.</i>	° <i>F.</i>	° <i>F.</i>	° <i>F.</i>	%	<i>In.</i>	<i>In.</i>		<i>Miles</i>													
Balboa Heights	118	6	92		29.84	+ .02	79.4	- .6	92	9	87	69	31	72	20	72	84	8.53	+3.7	19	6.0	NW.	23	NW.	21	1	23	7	6.5	.0	.0	1	
Cristobal	27	47	97		29.86	+ .02	80.0	+ .1	87	9	84	72	20	76	12	73	80	15.04	+3.4	18	11.4	NE.	35	NW.	19	7	11	13	6.5	.0	.0	2	
Alaska																																	
Anchorage	132	5	22																														
Fairbanks	455	4	63		29.04		-1.2	+5.9	42	13	9	-40	18	-12		-3	89	.87	+ .3	10	4.6	N.	17	W.	10	5	4	22	13.0	9.6	0		
Juneau	80	6	21		29.77		37.0		47	14	40	27	1	34		35	90	9.86		30	12.7	E.	45	E.	9	0	2	29	13.4	1.3	0		
Nome	22	25	56		29.56		5.8	-1.7	32	31	12	-19	12	0		80	.70		- .4	13	8.3	NE.	31	NE.	25	10	4	17	12.2	13.0	0		
Hawaiian Islands																																	
Honolulu	38	86	100	30.00	30.01		74.2	+1.8	81	7	79	65	12	70	14		1.65	-2.3	12	8.9	NE.	30	E.	27	10	15	6	4.9	.0	.0	2		

Late Reports for November 1943

Alaska																															
Fairbanks	455	4	63	29.10	29.63	-----	12.0	+8.6	46	25	23-24	1	1	42	10	80	.11	-.6	3	5.5	N.	26	SE.	25	8	5	17	6.4	1.3	2.2	0
Ketchikan	75	69	90	29.85	29.87	-----	45.0	+4.9	57	25	50	30	40	20	40	84	24.5	6+4.4	24	9.5	SE.	34	S.	21	0	2	28	9.6	.0	.0	1
Kotzebue	20	5	31	29.59	29.60	-----	14.0	+8.1	36	27	21-9	11	7	21	11	84	.42	+1.1	8	-----	E.	-----	-----	7	8	15	6.0	6.0	4.3	0	
McGrath	331	5	31	29.13	29.52	-----	12.8	-----	46	25	20-13	6	5	28	11	85	.55	-.3	12	-----	NE.	30	S.	25	5	9	16	7.3	7.9	2.8	0
Northway	1,718	5	32	27.83	-----	-----	4.0	-----	34	20	13-23	7	-5	34	4	94	.59	-----	7	-----	NW.	-----	-----	2	13	15	7.1	6.4	7.0	0	

¹ Data are airport records.² Barometric data (adjusted to old city elevation) and hygrometric data from airport; otherwise city office records.³ Observations taken bihourly.⁴ Pressure (adjusted to old city elevation) temperature and hygrometric data from airport; otherwise city office records.⁵ Temperature and precipitation from city office records, other data from airport.

NOTE.—Except as indicated by notes 1, 2, 4, and 5 data in table are city office records.

SEVERE LOCAL STORMS, DECEMBER 1943

(Compiled by Mary O. Souder)

[The table herewith contains such data as has been received concerning severe local storms that occurred during the month. A revised list of tornadoes will appear in the United States Meteorological Yearbook]

Place	Date	Time	Width of path, yards	Loss of life	Value of property destroyed	Character of storm	Remarks
Santa Barbara to Eureka, Calif.	Dec. 8-10	-----	-----	-----	\$750,000	Wind.....	California's worst windstorm in years diminished in fury after battering ships, unroofing houses, disrupting communications, and toppling trees. Damage ran into millions of dollars. Although no lives were lost, many were homeless and some injured. The winds came out of apparently crystal-clear California skies on the night of the 8th, wrecking fishing boats at Monterey, alone valued at \$750,000. Two liberty freighters were damaged at their San Francisco wharves and a 100-foot tugboat sank, her side caved in. A trawler was beached. From Oregon into southern California, trees, oil derricks, and power lines were down, roofs damaged, traffic congested, and trains delayed. Winds recorded at from 50 to 74 miles an hour whipped the coast.
Lake Michigan, Mich. Oswego and Oneida Counties, N. Y., portions of Shreveport, La., and vicinity.	11 22	-----	-----	8	-----	do.....	Three lives were lost in the sinking of two small ships.
Arkansas.....	24-25	2:25 a. m.-2:15 p. m., central standard time.	-----	-----	95,000	Snow.....	A moderately heavy snowfall stalled motor traffic and delayed trains.
New York State (northern sections).	26	-----	-----	2	-----	Glaze.....	Area of greatest damage was centered over Shreveport extending northward to about the Arkansas line, westward to just over the Texas line, about 60 miles southward, and eastward about 35 miles. Greatest loss in public utilities.
Cincinnati, Ohio.....	28-29	-----	-----	-----	-----	Rain and glaze.....	Freezing rain coated highways with a layer of ice. Power and communication lines were broken, highway traffic greatly impeded, and several persons injured by falling or in traffic accidents.
						Glaze.....	Motoring extremely hazardous. Several regularly scheduled bus runs canceled and two persons were killed and two injured in a highway accident near Ogdensburg.
						Snow.....	Six inches of snow recorded at the Clifton Observatory, the heaviest amount since December 27, 1939, when 6.1 inches were measured. However, only 4 inches fell at Lunken Airport and communities surrounding the city reported less than 6 inches. There were 35 motor accidents with 5 persons injured and 7 others injured from falls. In the county all the available equipment was used to clear the highways. 51 trucks along with a number of plows, sanders, and graders spread sand and cinders. Highways in the western portions of the county were in worse condition than those in other sections.